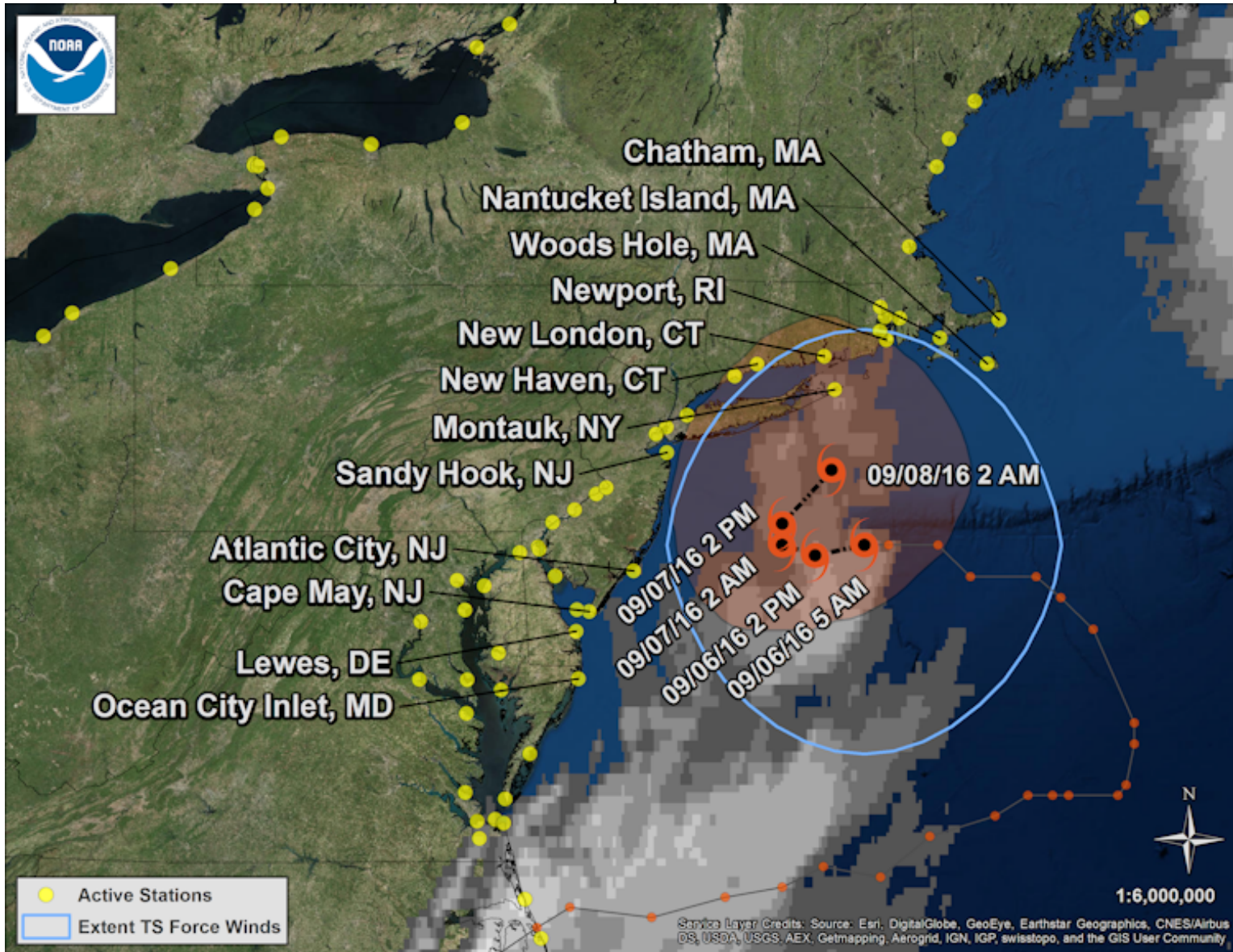




# Post-tropical Storm HERMINE QuickLook Posted: 06:00 EDT 09/06/2016

## NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

As of 09/06/2016 06:00 EDT, water levels remain elevated from Ocean City Inlet, MD to Chatham, MA and range between 0.5 and 2.2 feet above tidal predictions. The highest tidal residuals being observed this morning are along the New Jersey and New York coastlines. Most areas are experiencing winds of 10-20 knots with occasional higher gusts. Barometric pressure continues to gradually fall along the coast of the northeast US.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CRD

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

POST-TROPICAL CYCLONE HERMINE ADVISORY NUMBER 36  
NWS NATIONAL HURRICANE CENTER MIAMI FL  
500 AM EDT TUE SEP 06 2016

...HERMINE MOVING CLOSER TO THE COAST...

SUMMARY OF 500 AM EDT...INFORMATION

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LOCATION...39.6N 71.6W  
ABOUT 105 MI S OF THE EASTERN TIP OF LONG ISLAND  
MAXIMUM SUSTAINED WINDS...65 MPH

PRESENT MOVEMENT...W OR 270 DEGREES AT 8 MPH

MINIMUM CENTRAL PRESSURE...996 MB

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...  
\* The coast of Long Island from Fire Island Inlet to Port Jefferson Harbor  
\* New Haven to Sagamore Beach  
\* Block Island  
\* Martha's Vineyard  
\* Nantucket

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 500 AM EDT, the center of Post-Tropical Cyclone Hermine was located near latitude 39.6 North, longitude 71.6 West. The post-tropical cyclone is moving toward the west near 8 mph. A decrease in forward speed is expected later today, and Hermine will likely become nearly stationary by tonight. A turn toward the northeast is forecast to occur on Wednesday.

Maximum sustained winds remain near 65 mph with higher gusts. Gradual weakening is forecast during the next 48 hours.

Tropical-storm-force winds extend outward up to 140 miles from the center. The Montauk Point buoy south of eastern Long Island recently reported a 38-mph sustained wind and a gust to 47 mph. The buoy south of Islip in Long Island recently reported a 36-mph sustained wind and a gust to 45 mph.

The estimated minimum central pressure is 996 mb.

#### HAZARDS AFFECTING LAND

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WIND: Tropical storm conditions are expected over portions of the warning area today.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. Along the immediate coastline, the surge will be accompanied by large and dangerous waves.

The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Coast of Long Island from Fire Island Inlet to Port Jefferson Harbor...1 to 2 feet.

RAINFALL: Hermine is expected to produce additional light rainfall amounts not exceeding 1 inch along the mid-Atlantic and southern New England coastline from New Jersey to eastern Long Island to southeastern Massachusetts.

SURF: Large waves generated by Hermine will continue to affect the U.S. east coast from the mid-Atlantic states through New England for another couple of days. These waves are likely to cause life-threatening surf and rip current conditions, and significant beach erosion. Please consult products from your local weather office.

#### NEXT ADVISORY

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Next intermediate advisory at 800 AM EDT.  
Next complete advisory at 1100 AM EDT.

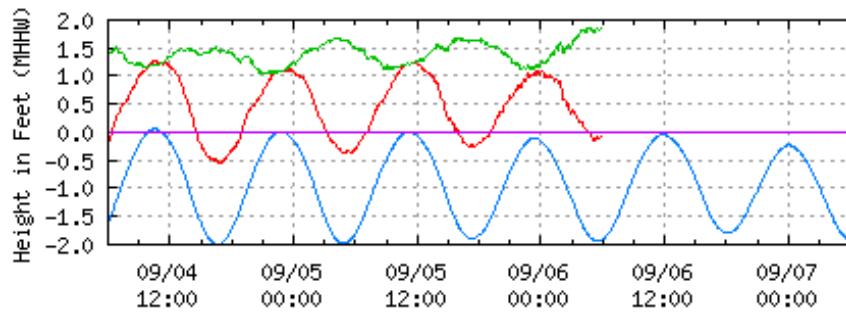
Forecaster Cangialosi

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Ocean City Inlet - Barometric](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Lewes - Barometric](#), [Cape May - Water Level](#), [Cape May - Winds](#), [Cape May - Barometric](#), [Atlantic City - Water Level](#), [Atlantic City - Barometric](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#), [Montauk - Water Level](#), [Montauk - Barometric](#), [New Haven - Water Level](#), [New Haven - Winds](#), [New Haven - Barometric](#), [New London - Water Level](#), [New London - Winds](#), [Newport - Water Level](#), [Newport -](#)

Winds, Newport - Barometric, Nantucket Island - Water Level, Nantucket Island - Winds, Nantucket Island - Barometric, Woods Hole - Water Level, Woods Hole - Barometric, Chatham - Water Level

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 09/06/2016 05:54 (EDT). Data relative to MHHW

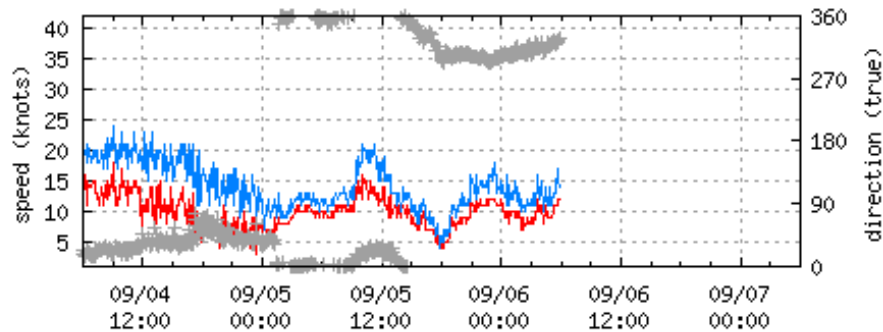
Observed: -0.07 ft. Predicted: -1.91 ft. Residual: 1.84 ft.

Historical Maximum Water Level: Feb 5 1998, 3.61 ft.

Next High Tide: 09/06/2016 11:52 (EDT), -0.05 ft.

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction

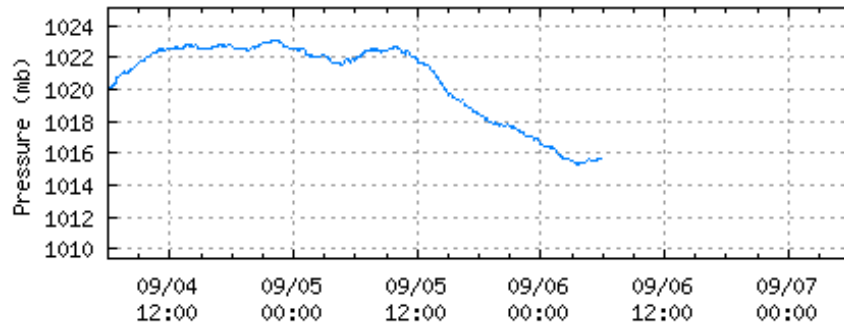


speed — gusts — direction +

Last Observed Sample: 09/06/2016 05:54 (EDT)

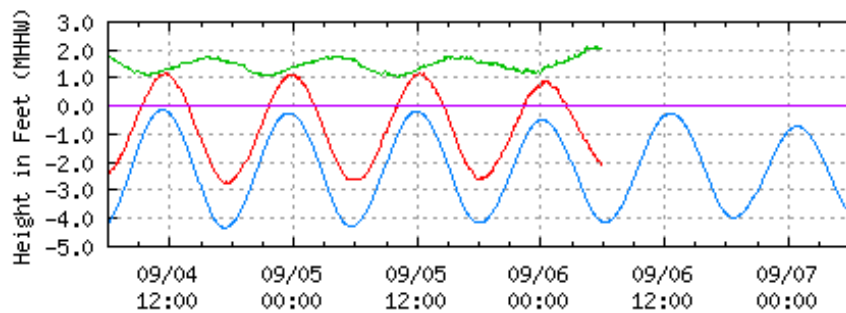
Wind Speed: 13 knots Gusts: 17 knots Direction: 331° T

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 09/06/2016 05:54 (EDT)  
Barometric Pressure: 1015.7 mb

NOAA/NOS/CO-OPS 8557380 Lewes, DE  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 09/06/2016 05:54 (EDT). Data relative to MHHW

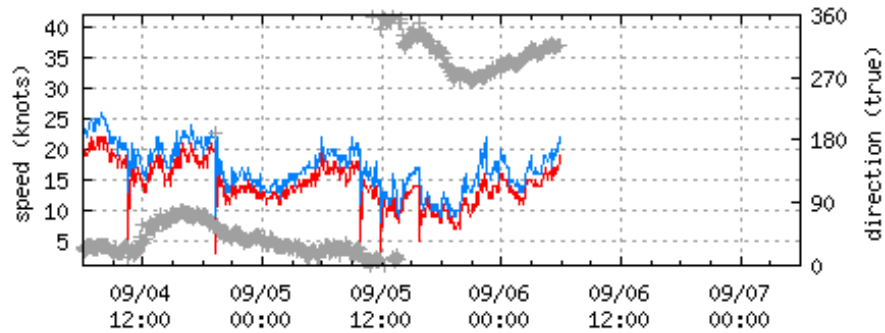
Observed: -2.07 ft. Predicted: -4.10 ft. Residual: 2.03 ft.

Historical Maximum Water Level: Mar 6 1962, 4.57 ft.

Next High Tide: 09/06/2016 12:37 (EDT), -0.25 ft.

# NOAA/NOS/CO-OPS 8557380 Lewes, DE

Wind Speed / Gusts / Direction



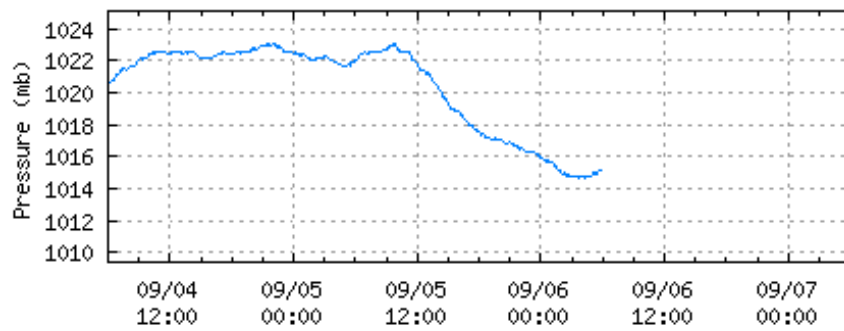
speed — gusts — direction +

Last Observed Sample: 09/06/2016 05:54 (EDT)

Wind Speed: 19 knots Gusts: 21 knots Direction: 316° T

# NOAA/NOS/CO-OPS 8557380 Lewes, DE

Barometric Pressure

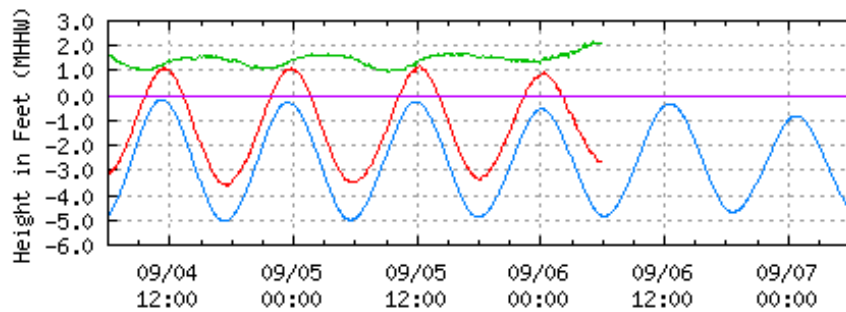


barometric pressure —

Last Observed Sample: 09/06/2016 05:54 (EDT)

Barometric Pressure: 1015.2 mb

NOAA/NOS/CO-OPS 8536110 Cape May, NJ  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

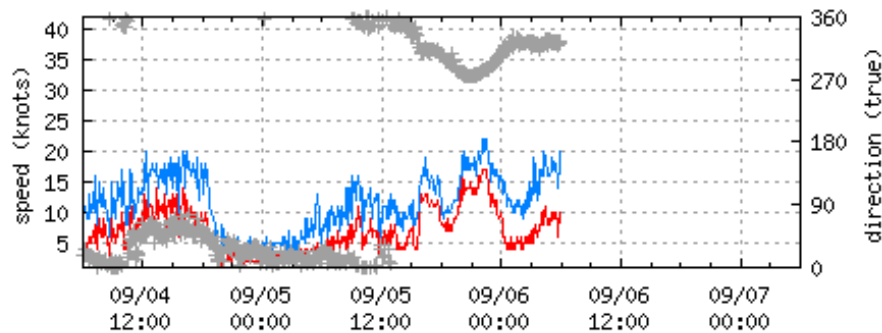
Last Observed Sample: 09/06/2016 06:00 (EDT). Data relative to MHHW

Observed: -2.66 ft. Predicted: -4.83 ft. Residual: 2.17 ft.

Historical Maximum Water Level: Oct 29 2012, 3.44 ft.

Next High Tide: 09/06/2016 12:30 (EDT), -0.33 ft.

NOAA/NOS/CO-OPS 8536110 Cape May, NJ  
Wind Speed / Gusts / Direction



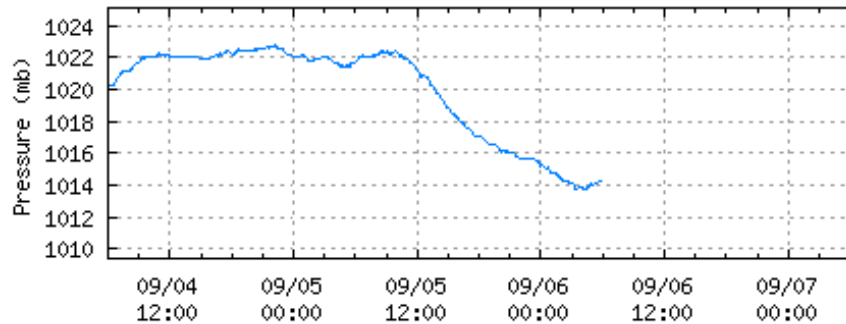
speed — gusts — direction +

Last Observed Sample: 09/06/2016 06:00 (EDT)

Wind Speed: 8 knots Gusts: 17 knots Direction: 323° T

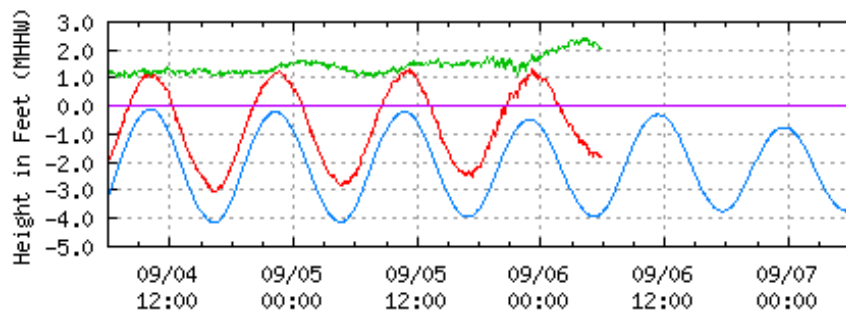


NOAA/NOS/CO-OPS 8536110 Cape May, NJ  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 09/06/2016 06:00 (EDT)  
Barometric Pressure: 1014.3 mb

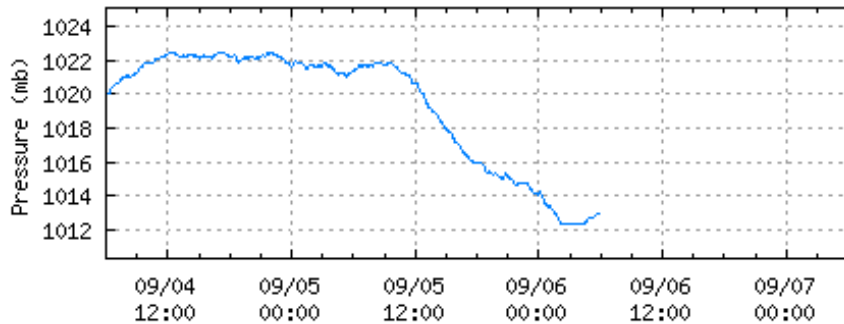
NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

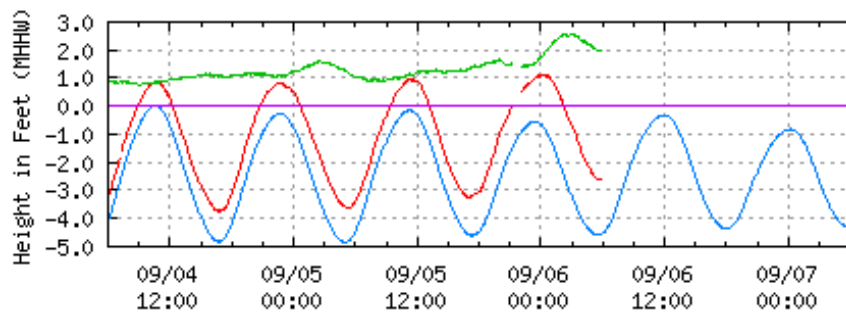
Last Observed Sample: 09/06/2016 05:54 (EDT). Data relative to MHHW  
Observed: -1.71 ft. Predicted: -3.80 ft. Residual: 2.09 ft.  
Historical Maximum Water Level: Dec 11 1992, 4.38 ft.  
Next High Tide: 09/06/2016 11:25 (EDT), -0.30 ft.

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 09/06/2016 05:54 (EDT)  
Barometric Pressure: 1013.0 mb

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

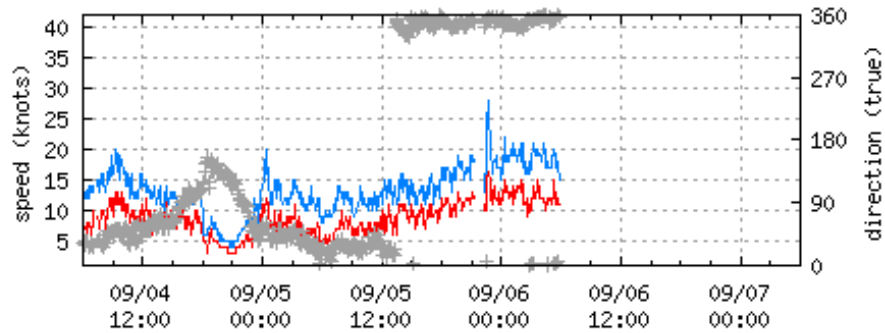


Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 09/06/2016 05:54 (EDT). Data relative to MHHW  
Observed: -2.61 ft. Predicted: -4.55 ft. Residual: 1.94 ft.  
Historical Maximum Water Level: Sep 12 1960, 4.86 ft.  
Next High Tide: 09/06/2016 11:58 (EDT), -0.32 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ

Wind Speed / Gusts / Direction



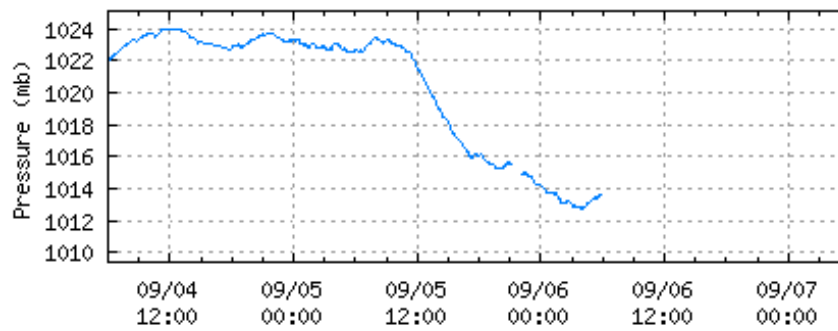
speed — gusts — direction +

Last Observed Sample: 09/06/2016 05:54 (EDT)

Wind Speed: 12 knots Gusts: 18 knots Direction: 348° T

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ

Barometric Pressure

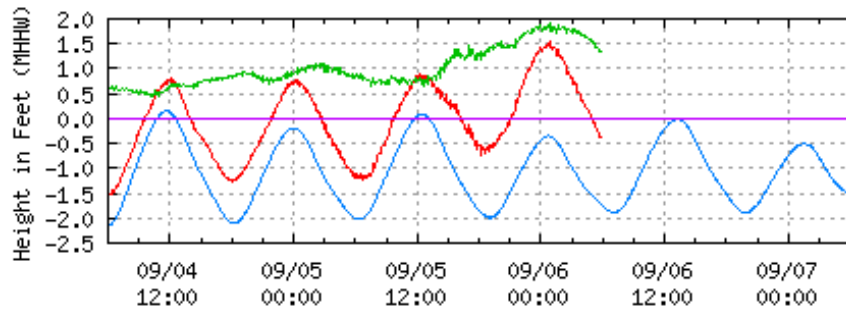


barometric pressure —

Last Observed Sample: 09/06/2016 05:54 (EDT)

Barometric Pressure: 1013.6 mb

NOAA/NOS/CO-OPS 8510560 Montauk, NY  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

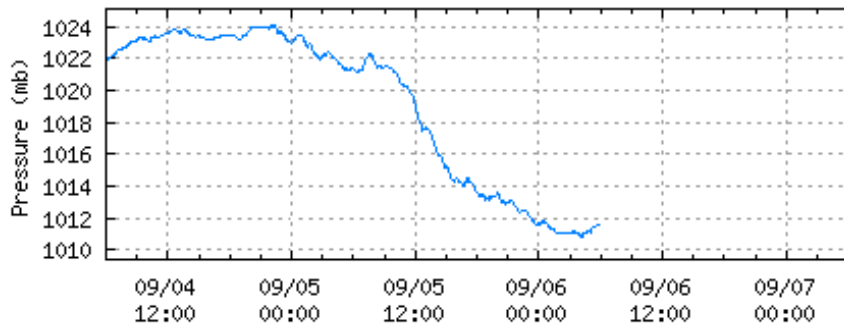
Last Observed Sample: 09/06/2016 05:54 (EDT). Data relative to MHHW

Observed: -0.47 ft. Predicted: -1.74 ft. Residual: 1.27 ft.

Historical Maximum Water Level: Aug 31 1954, 5.91 ft.

Next High Tide: 09/06/2016 13:14 (EDT), -0.01 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY  
Barometric Pressure

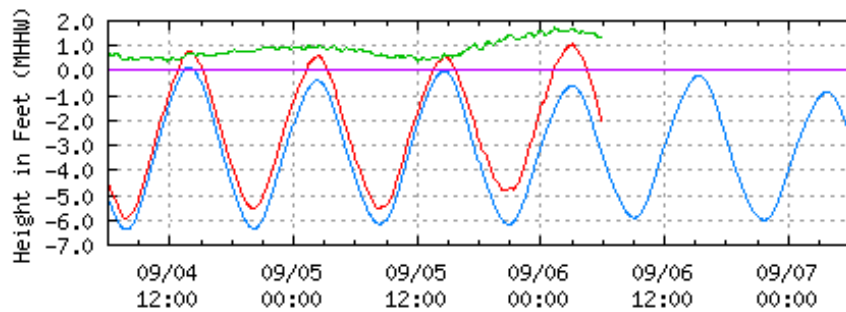


barometric pressure —

Last Observed Sample: 09/06/2016 05:54 (EDT)

Barometric Pressure: 1011.6 mb

NOAA/NOS/CO-OPS 8465705 New Haven, CT  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

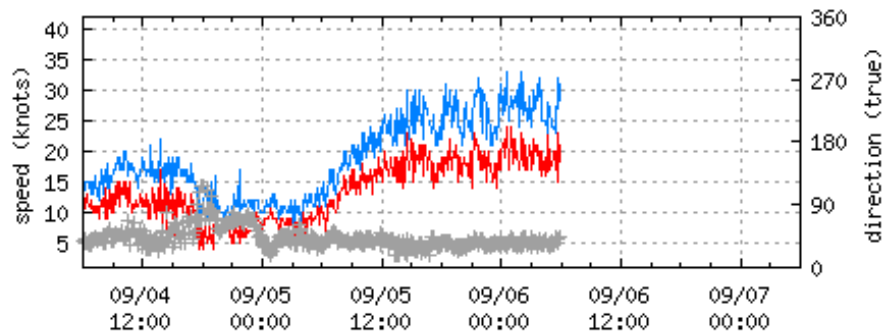
Last Observed Sample: 09/06/2016 06:00 (EDT). Data relative to MHHW

Observed: -2.12 ft. Predicted: -3.47 ft. Residual: 1.35 ft.

Historical Maximum Water Level: Oct 30 2012, 5.52 ft.

Next High Tide: 09/06/2016 15:20 (EDT), -0.20 ft.

NOAA/NOS/CO-OPS 8465705 New Haven, CT  
Wind Speed / Gusts / Direction

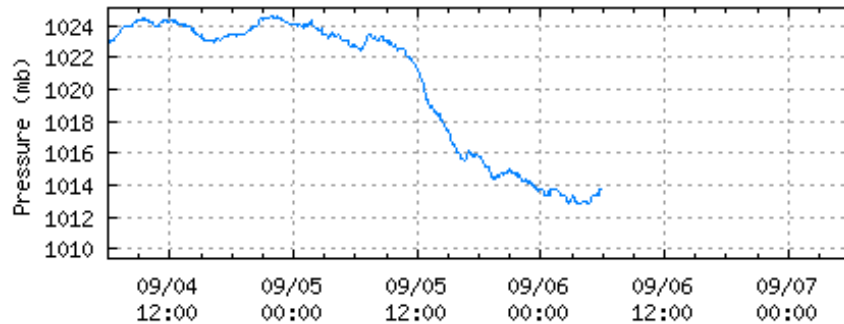


speed ——— gusts ——— direction +

Last Observed Sample: 09/06/2016 06:00 (EDT)

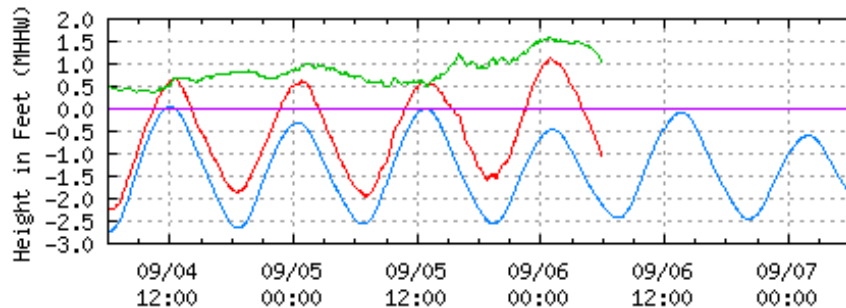
Wind Speed: 20 knots Gusts: 25 knots Direction: 35° T

NOAA/NOS/CO-OPS 8465705 New Haven, CT  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 09/06/2016 06:00 (EDT)  
Barometric Pressure: 1013.7 mb

NOAA/NOS/CO-OPS 8461490 New London, CT  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 09/06/2016 05:54 (EDT). Data relative to MHHW

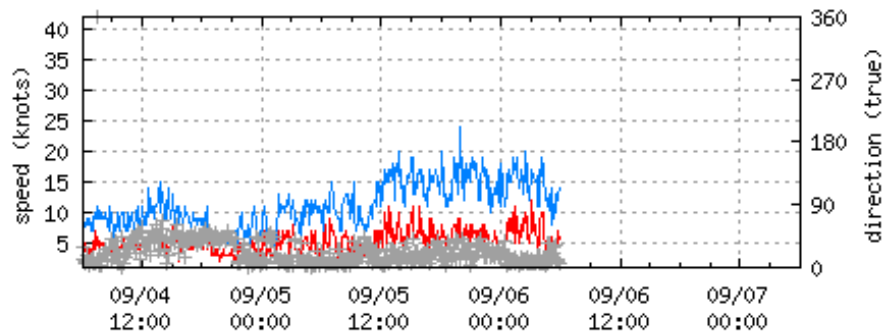
Observed: -1.07 ft. Predicted: -2.12 ft. Residual: 1.05 ft.

Historical Maximum Water Level: Sep 21 1938, 7.53 ft.

Next High Tide: 09/06/2016 13:37 (EDT), -0.08 ft.

NOAA/NOS/CO-OPS 8461490 New London, CT

Wind Speed / Gusts / Direction



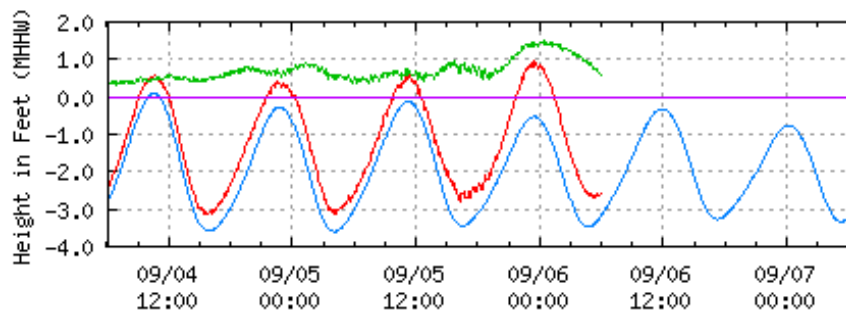
speed — gusts — direction +

Last Observed Sample: 09/06/2016 05:54 (EDT)

Wind Speed: 6 knots Gusts: 14 knots Direction: 6° T

NOAA/NOS/CO-OPS 8452660 Newport, RI

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —  
Observed WL —

(Obs-Pred) —  
MHHW —

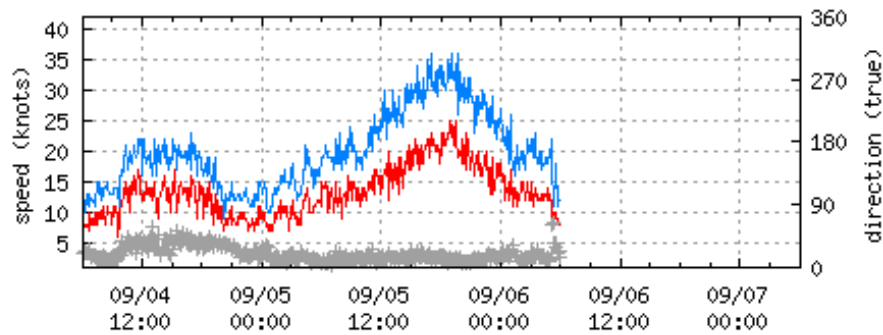
Last Observed Sample: 09/06/2016 06:00 (EDT). Data relative to MHHW

Observed: -2.58 ft. Predicted: -3.15 ft. Residual: 0.57 ft.

Historical Maximum Water Level: Sep 21 1938, 9.46 ft.

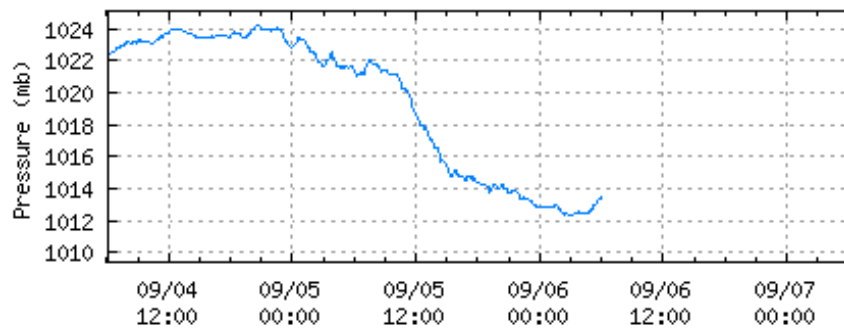
Next High Tide: 09/06/2016 11:53 (EDT), -0.33 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI  
Wind Speed / Gusts / Direction



speed — gusts — direction +  
Last Observed Sample: 09/06/2016 06:00 (EDT)  
Wind Speed: 8 knots Gusts: 12 knots Direction: 16° T

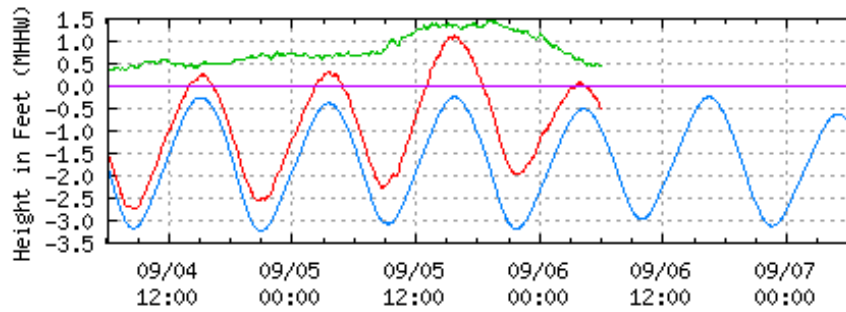
NOAA/NOS/CO-OPS 8452660 Newport, RI  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 09/06/2016 06:00 (EDT)  
Barometric Pressure: 1013.5 mb



NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

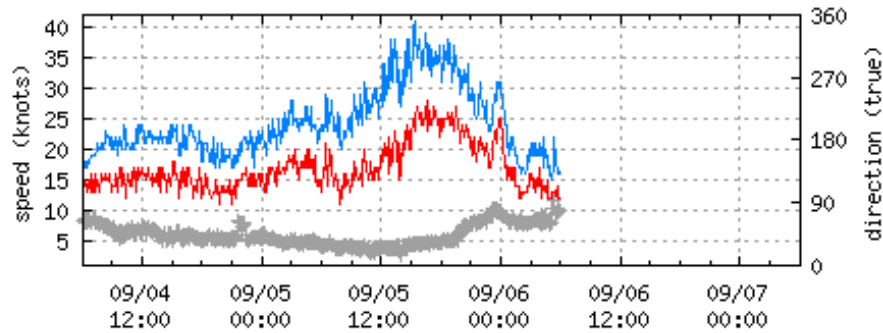
Last Observed Sample: 09/06/2016 05:54 (EDT). Data relative to MHHW

Observed: -0.49 ft. Predicted: -0.95 ft. Residual: 0.46 ft.

Historical Maximum Water Level: Oct 30 1991, 4.29 ft.

Next High Tide: 09/06/2016 16:26 (EDT), -0.24 ft.

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA  
Wind Speed / Gusts / Direction

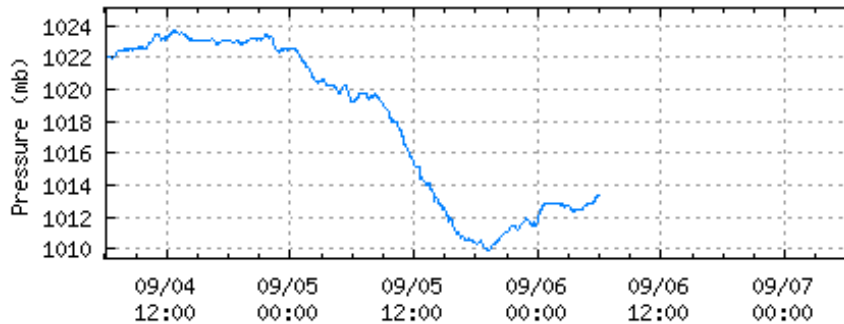


speed — gusts — direction +

Last Observed Sample: 09/06/2016 05:54 (EDT)

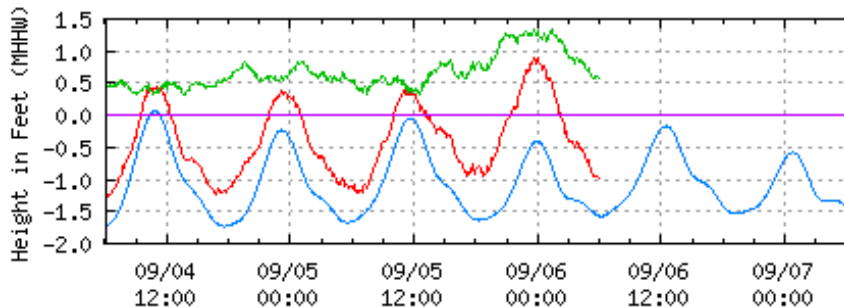
Wind Speed: 12 knots Gusts: 16 knots Direction: 79° T

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 09/06/2016 05:54 (EDT)  
Barometric Pressure: 1013.4 mb

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

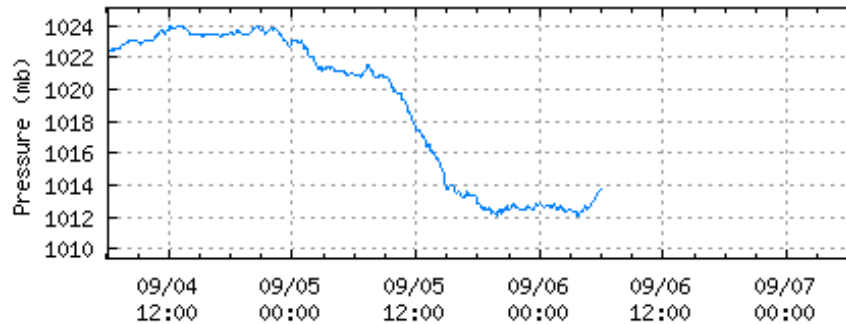
Last Observed Sample: 09/06/2016 05:54 (EDT). Data relative to MHHW

Observed: -0.99 ft. Predicted: -1.56 ft. Residual: 0.57 ft.

Historical Maximum Water Level: Sep 21 1938, 8.58 ft.

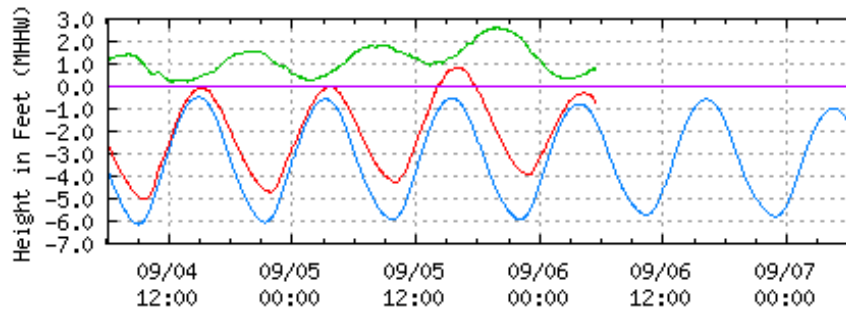
Next High Tide: 09/06/2016 12:26 (EDT), -0.17 ft.

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 09/06/2016 05:54 (EDT)  
Barometric Pressure: 1013.7 mb

NOAA/NOS/CO-OPS 8447435 Chatham, MA  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 09/06/2016 05:24 (EDT). Data relative to MHHW

Observed: -0.70 ft. Predicted: -1.50 ft. Residual: 0.80 ft.

Historical Maximum Water Level: Feb 26 2010, 2.96 ft.

Next High Tide: 09/06/2016 16:09 (EDT), -0.57 ft.

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8570283	Ocean City Inlet, MD	09/06/2016 05:54 (EDT)	-0.07 ft	-1.91 ft	1.84 ft	1.25 ft
8557380	Lewes, DE	09/06/2016 05:54 (EDT)	-2.07 ft	-4.10 ft	2.03 ft	1.17 ft
8536110	Cape May, NJ	09/06/2016 06:00 (EDT)	-2.66 ft	-4.83 ft	2.17 ft	1.18 ft
8534720	Atlantic City, NJ	09/06/2016 05:54 (EDT)	-1.71 ft	-3.80 ft	2.09 ft	1.32 ft
8531680	Sandy Hook, NJ	09/06/2016 05:54 (EDT)	-2.61 ft	-4.55 ft	1.94 ft	1.10 ft
8510560	Montauk, NY	09/06/2016 05:54 (EDT)	-0.47 ft	-1.74 ft	1.27 ft	1.54 ft
8465705	New Haven, CT	09/06/2016 06:00 (EDT)	-2.12 ft	-3.47 ft	1.35 ft	1.08 ft
8461490	New London, CT	09/06/2016 05:54 (EDT)	-1.07 ft	-2.12 ft	1.05 ft	1.13 ft
8452660	Newport, RI	09/06/2016 06:00 (EDT)	-2.58 ft	-3.15 ft	0.57 ft	0.94 ft
8449130	Nantucket Island, MA	09/06/2016 05:54 (EDT)	-0.49 ft	-0.95 ft	0.46 ft	1.12 ft
8447930	Woods Hole, MA	09/06/2016 05:54 (EDT)	-0.99 ft	-1.56 ft	0.57 ft	0.90 ft
8447435	Chatham, MA	09/06/2016 05:24 (EDT)	-0.70 ft	-1.50 ft	0.80 ft	0.85 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce